#### 502151083 12/05/2012

### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Ling Zhu	09/16/2012
Ning Tao	11/28/2012

### **RECEIVING PARTY DATA**

Name:	Sernet (Suzhou) Technologies Corporation
Street Address:	No.8 Tangzhuang Road
Internal Address:	Suzhou Industrial Park
City:	Jiangsu
State/Country:	CHINA

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13675596

# CORRESPONDENCE DATA

4045214286 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

6784838899 Phone:

Email: dan.mcclure@mqrlaw.com Correspondent Name: McClure, Qualey & Rodack, LLP Address Line 1: 400 Interstate North Parkway SE

Address Line 2: Suite 200

Address Line 4: Atlanta, GEORGIA 30339

ATTORNEY DOCKET NUMBER:	251955-1180
NAME OF SUBMITTER:	Daniel R. McClure
	This document serves as an Oath/Declaration (37 CFR 1.63).

# Total Attachments: 4

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> **PATENT** REEL: 029409 FRAME: 0215

502151083

	Attorney Referen	ce:	
ASSIGNM	ENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES	LETTERS P	ATENT
WHEREAS	Ling Zhu and Ning Tao		
, hereinafter re	eferred to collectively as the assignor and inventor, has invented a certain imp	provement re	lating to
DOWNLINK (	DRTHOGONAL VARIABLE SPREADING FACTOR CODE ASSIGNMENT	METHOD A	ND BASE
STATION SYS	STEM USING THE SAME		
[X] said applic	ation being attached hereto;		
[ ] said applic	ation having been filed in the United States Patent and Trademark Office on, as Application Serial No,	and was	amended
on	(if applicable);		
[ ] the specific	cation of which was filed under the Patent Cooperation Treaty on		
Serial No.	, the United States of America being designated.		

AND WHEREAS <u>Sernet (Suzhou) Technologies Corporation</u>, hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assigner hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

1

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

McClure, Qualey & Rodack, LLP. 中幂編號 SC2011-011 || 三逢編號 US07831PA

Signature: Name:	Signature: Ling Zhu Legal Name: Ling Zhu Date: 2012 9.16
WITNESS: Signature: Name: Address:	ASSIGNOR (SECOND INVENTOR): Signature: Legal Name: Ning Tao Date:

1

Attorney Reference:	***************************************
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# ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

Addidition	THE OF AND DESCRIPTION FOR SHIP DISTRICT OF A PENT
WHEREAS	Ling Zhu and Ning Tao
, hereinafter r	eferred to collectively as the assignor and inventor, has invented a certain improvement relating to
	ORTHOGONAL VARIABLE SPREADING FACTOR CODE ASSIGNMENT METHOD AND BASE STEM USING THE SAME
[ ] said applic	cation being attached hereto;
as Application	cation having been filed in the United States Patent and Trademark Office on November 13, 2012 of Serial No. 13/675.596, and was amended on
Serial No	, the United States of America being designated.

AND WHEREAS <u>Sernet (Suzhou) Technologies Corporation</u>, hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

1

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

McClure, Qualey & Rodack, LLP. 中磊編號 SC2011-011 || 三達編號 US07831PA

> PATENT REEL: 029409 FRAME: 0218

WITNESS:	ASSIGNOR (SOLE OR FIRST INVENTOR):
Signature:	Signature:
Name:	
Address:	
WITNESS:	ASSIGNOR (SECOND INVENTOR):
Signature:	ASSIGNOR (SECOND INVENTOR): Signature:
Name:	Legal Name: Ning Tao
Address:	- 15 M 1 M 7 V L

PATENT REEL: 029409 FRAME: 0219

**RECORDED: 12/05/2012**